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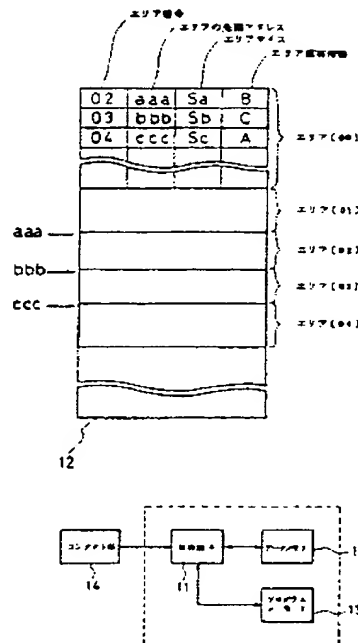
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TITLE : PORTABLE ELECTRONIC EQUIPMENT

ABSTRACT : PURPOSE: To improve the security property by setting ciphering and deciphering algorithm programs and ciphering and deciphering key information for each area of the data memory in an IC card.

CONSTITUTION: A data memory 12 is divided to plural areas, and start addresses, area sizes, and area peculiar information of respective areas are stored in an area (00), and start addresses of ciphering and deciphering algorithm programs and ciphering and deciphering key information are stored in an area (01) correspondingly to area peculiar information. when a write instruction is inputted, a control element 11 finds a write object area and area peculiar information in the area (00) and writes data on the basis of the start address of the corresponding ciphering algorithm program and ciphering and deciphering key information in the area (01). In case of read, the deciphering algorithm program is executed to read out data. Thus, data is difficult to be decoded to improve the security.